### (19) World Intellectual Property Organization

International Bureau



## 

#### (43) International Publication Date 14 July 2005 (14.07.2005)

#### **PCT**

# (10) International Publication Number WO 2005/064582 A2

(51) International Patent Classification<sup>7</sup>:

G09G

(21) International Application Number:

PCT/EP2004/013124

(22) International Filing Date:

18 November 2004 (18.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10360816.8

23 December 2003 (23.12.2003) DE

(71) Applicant (for all designated States except US): THOM-SON LICENSING S.A. [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MARX, Thilo [DE/DE]; Berghalde 5, 78052 Villingen-Schwenningen (DE).

(74) Agent: ROSSMANITH, Manfred; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

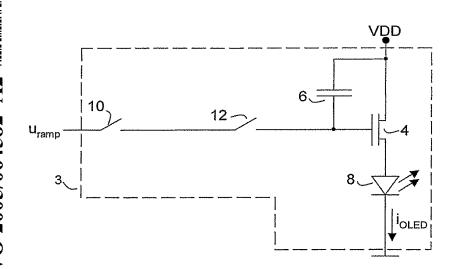
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CIRCUIT AND METHOD FOR DRIVING A LIGHT-EMITTING DISPLAY



(57) Abstract: The invention proposes a circuit for an element (3) of a light-emitting display. The element comprises a current control means (4), first and second switching means (12, 10) and a light-emitting means (8). In one embodiment, a signal holding means (6) is provided. In addition, a light-emitting display having a plurality of elements (3) is proposed. Furthermore, a method for driving the elements (3) and the light-emitting display is proposed, and also a control signal for use with the method.

WO 2005/064582 A2 ||||||